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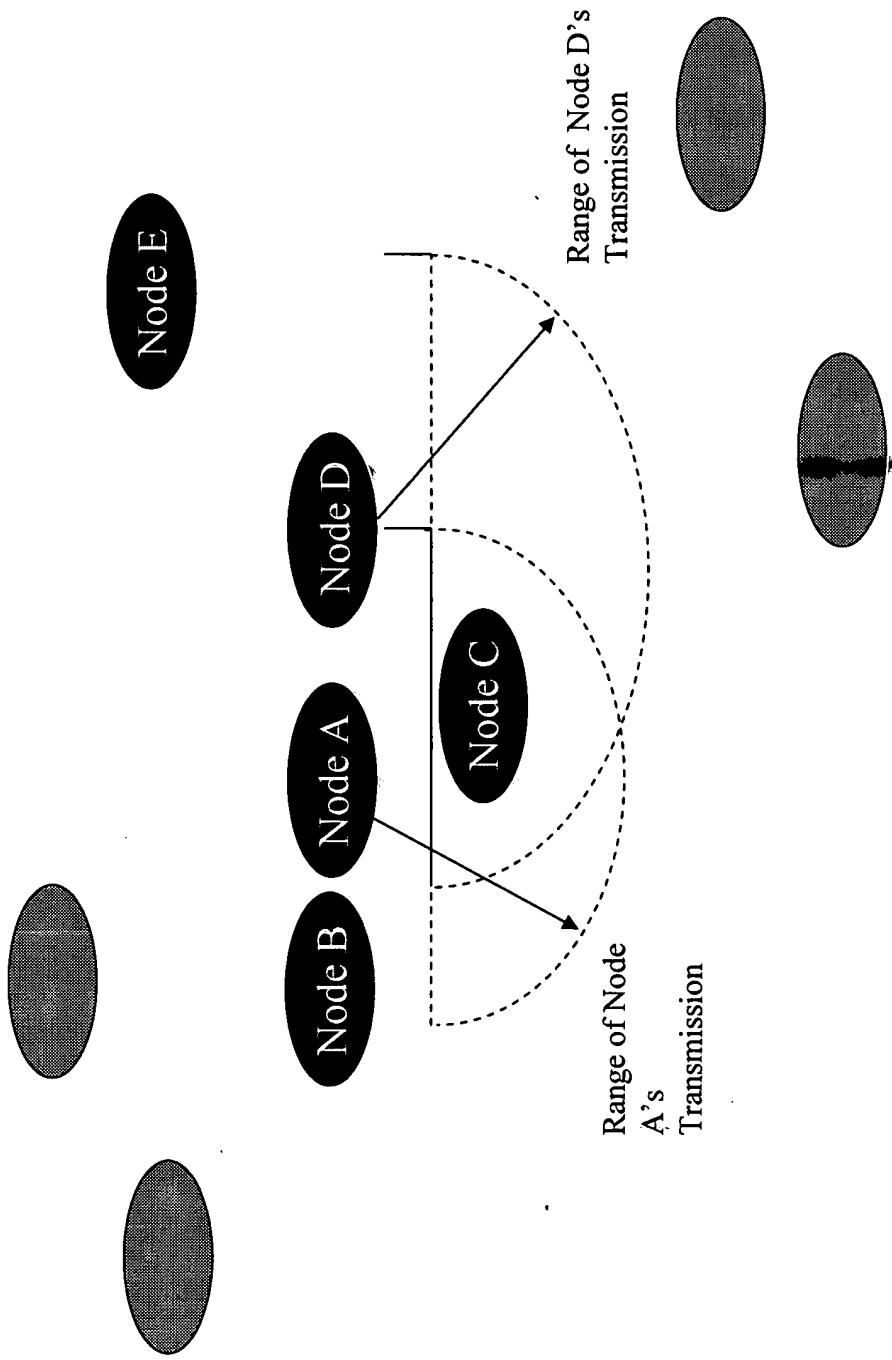


FIG. 1

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Node ID	Neighbor ID	Transmit Power Level
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FIG. 2: Signaling Packet Format

Source ID	Destination ID	Current Node ID
Next Node ID	# of Re-Transmissions	Payload

FIG. 3: Data Packet Format

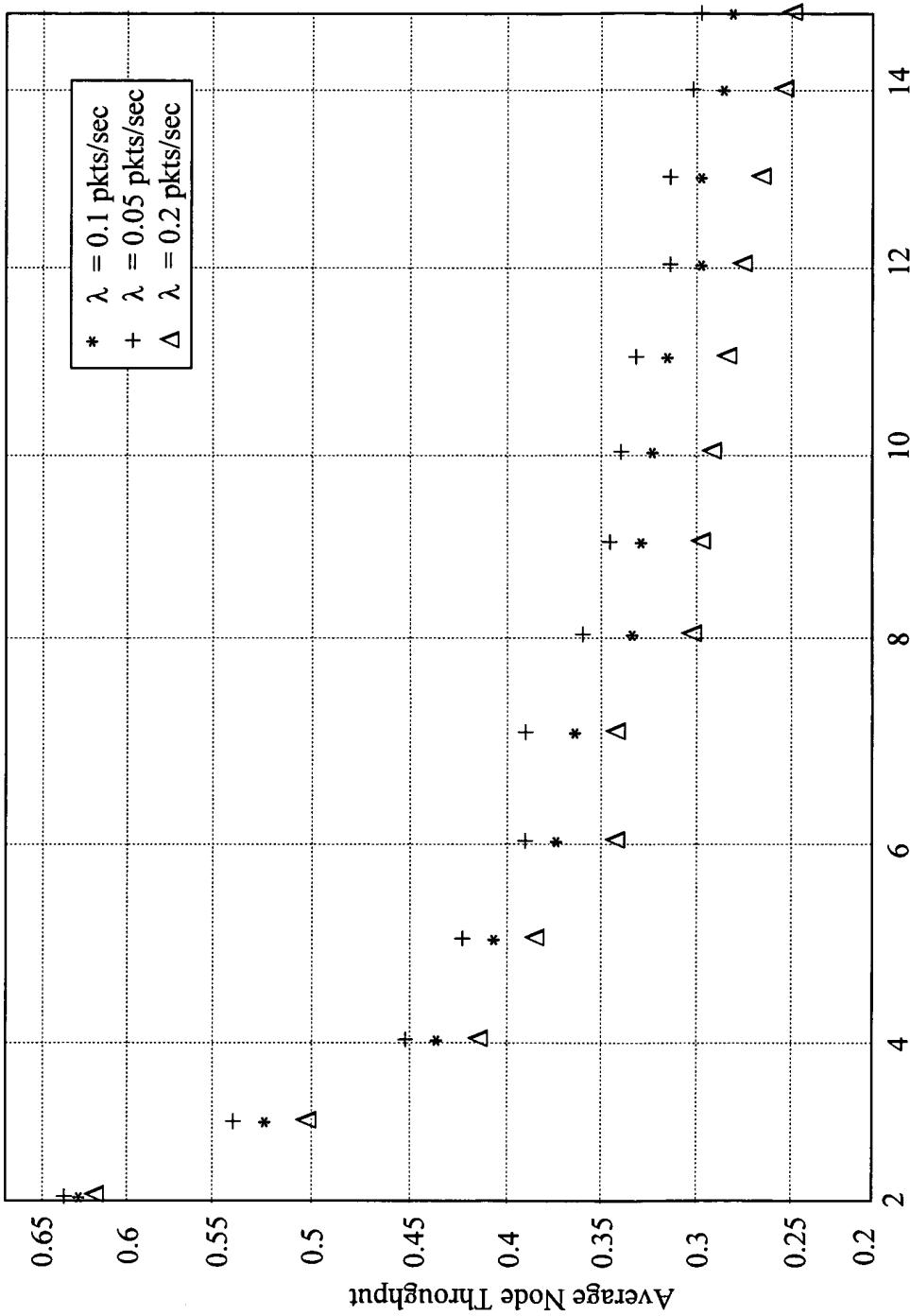
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Node ID	Neighbor ID	Transmit Power Level
A	B	P ₁
A	C	P ₁
A	D	P ₁
B	A	P ₂
B	C	P ₂
B	E	P ₂

Connectivity Table Format

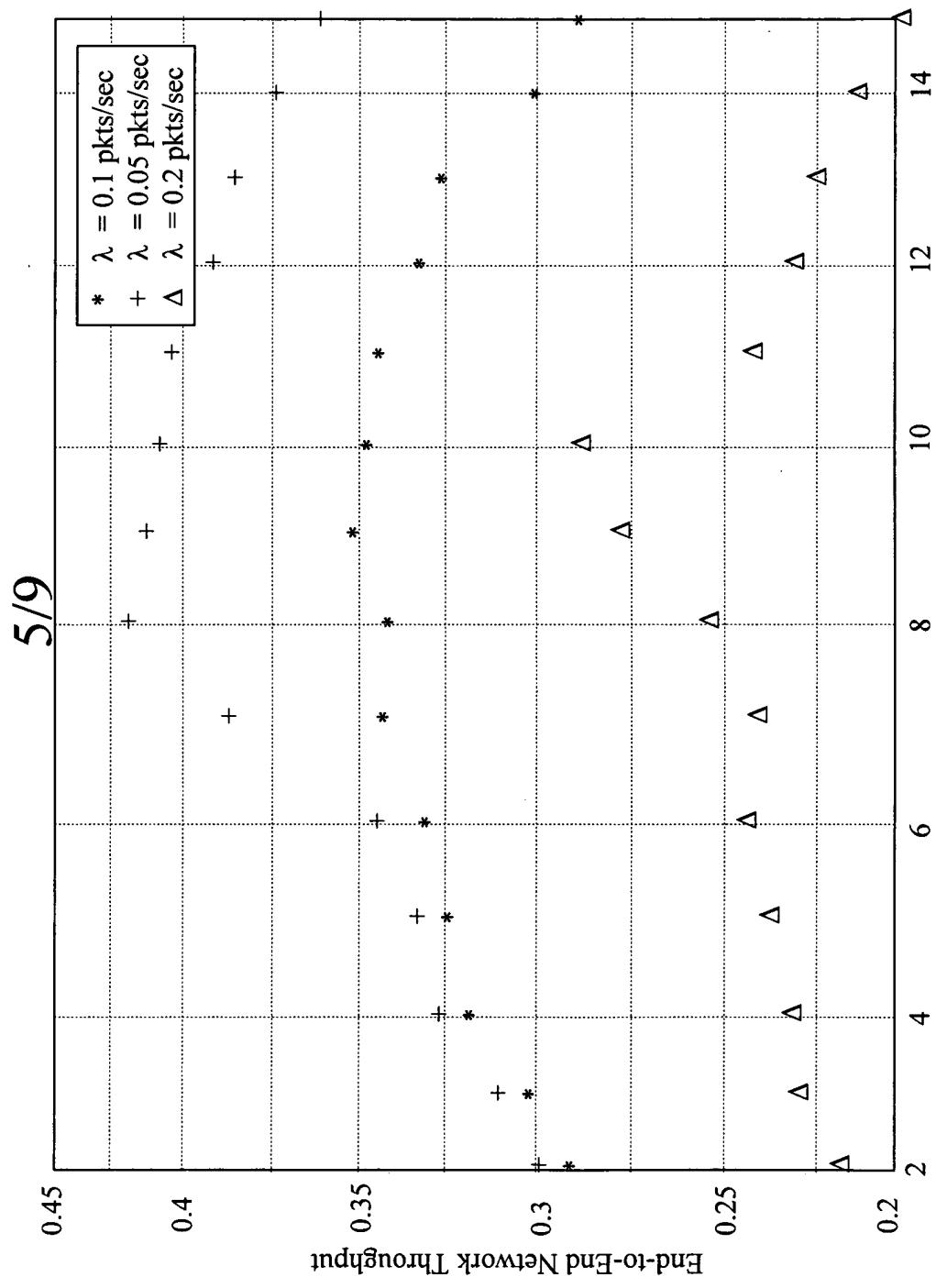
FIG. 4

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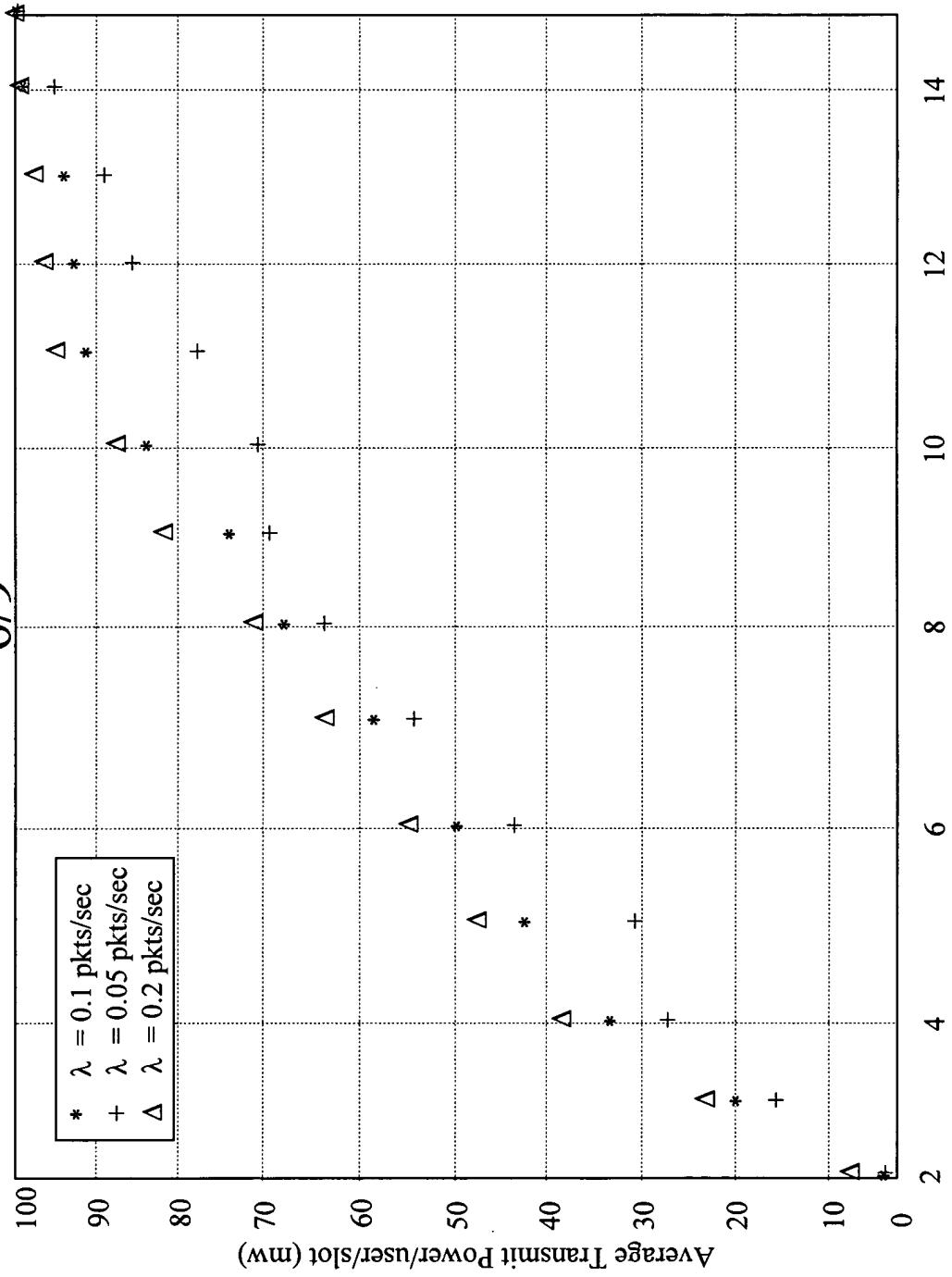
Average Node Throughput v. Connectivity Range N

FIG. 5



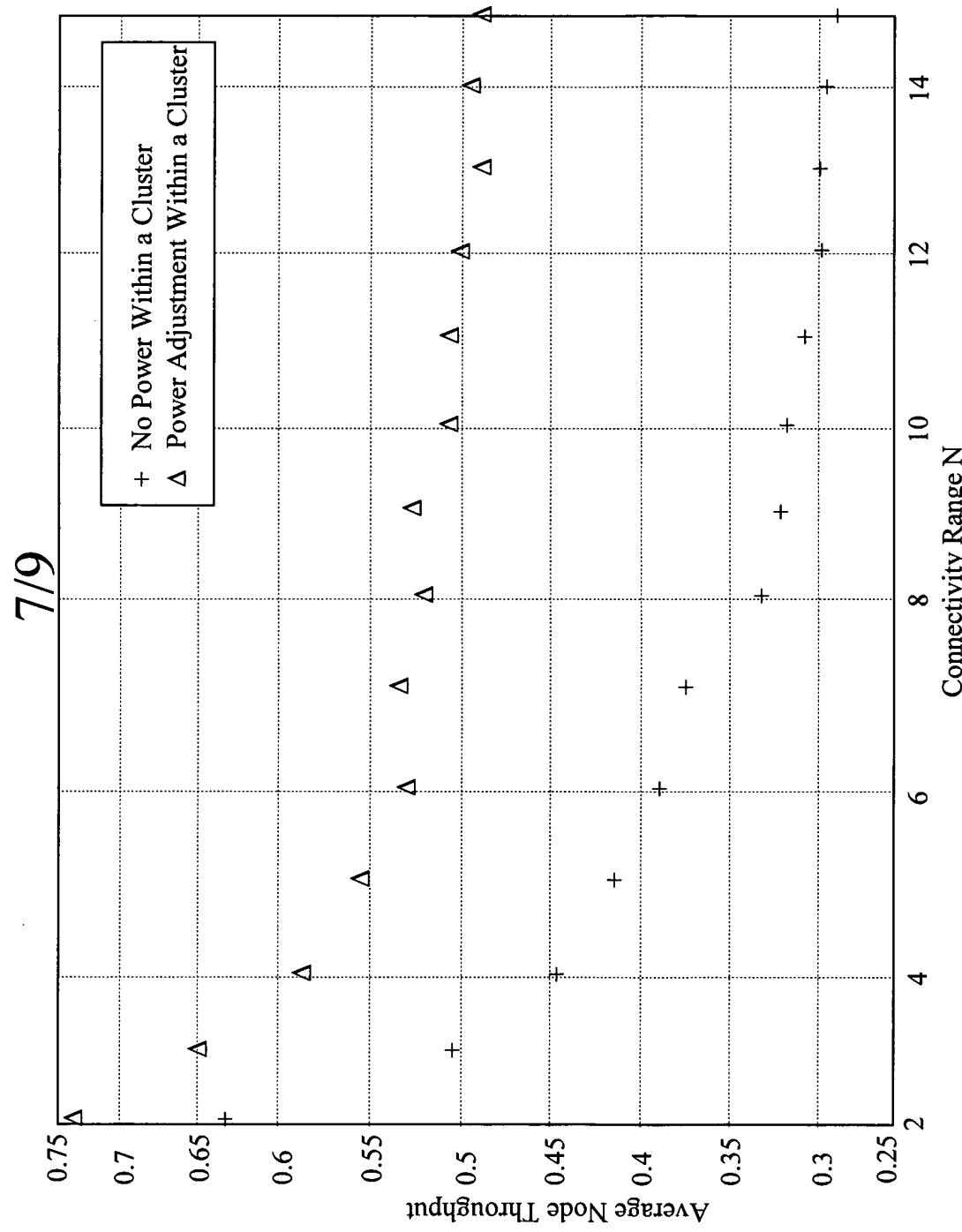
End-to-End Network Throughput v. Connectivity Range N
FIG. 6

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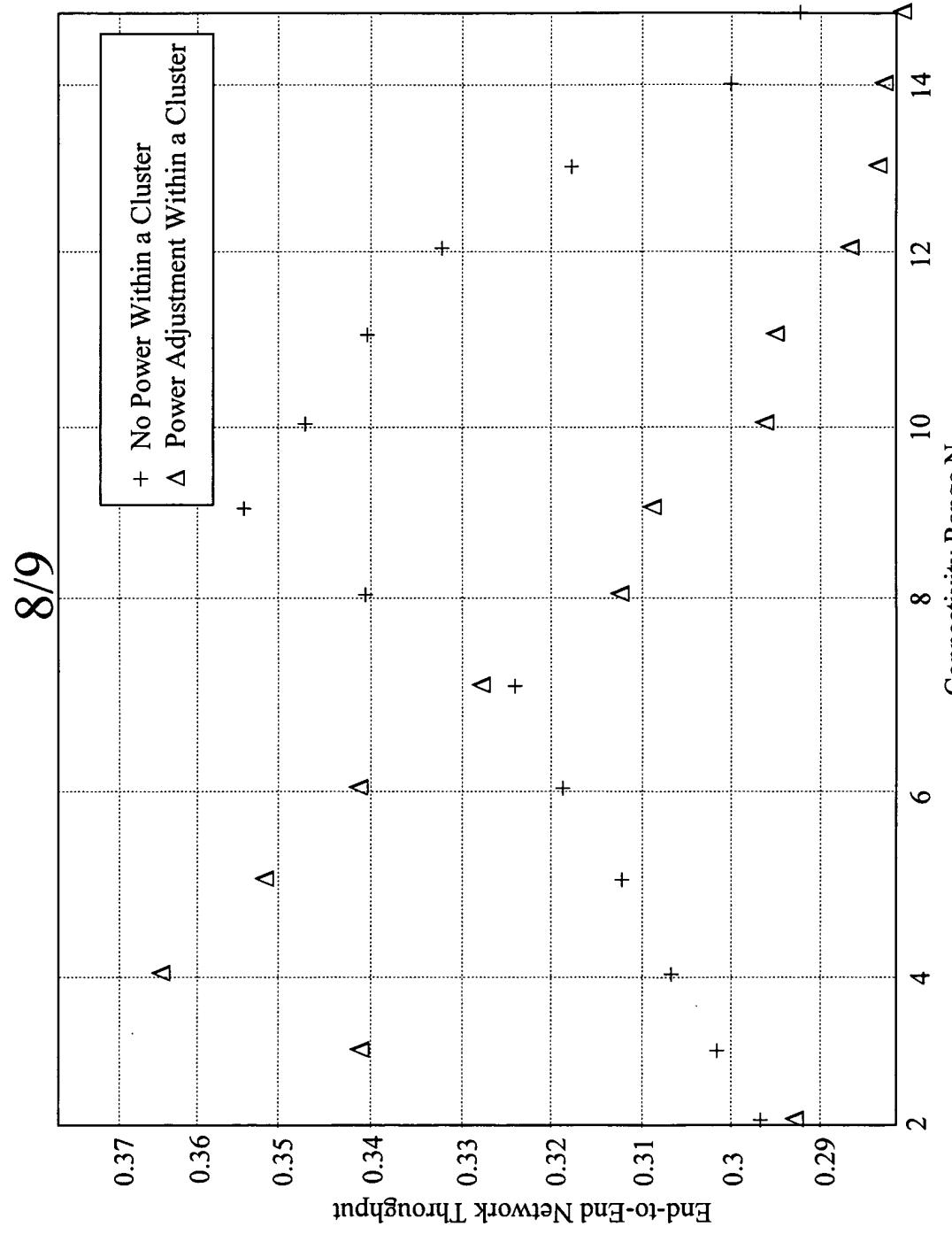


Average Power Consumption (mW) v. Connectivity Range N

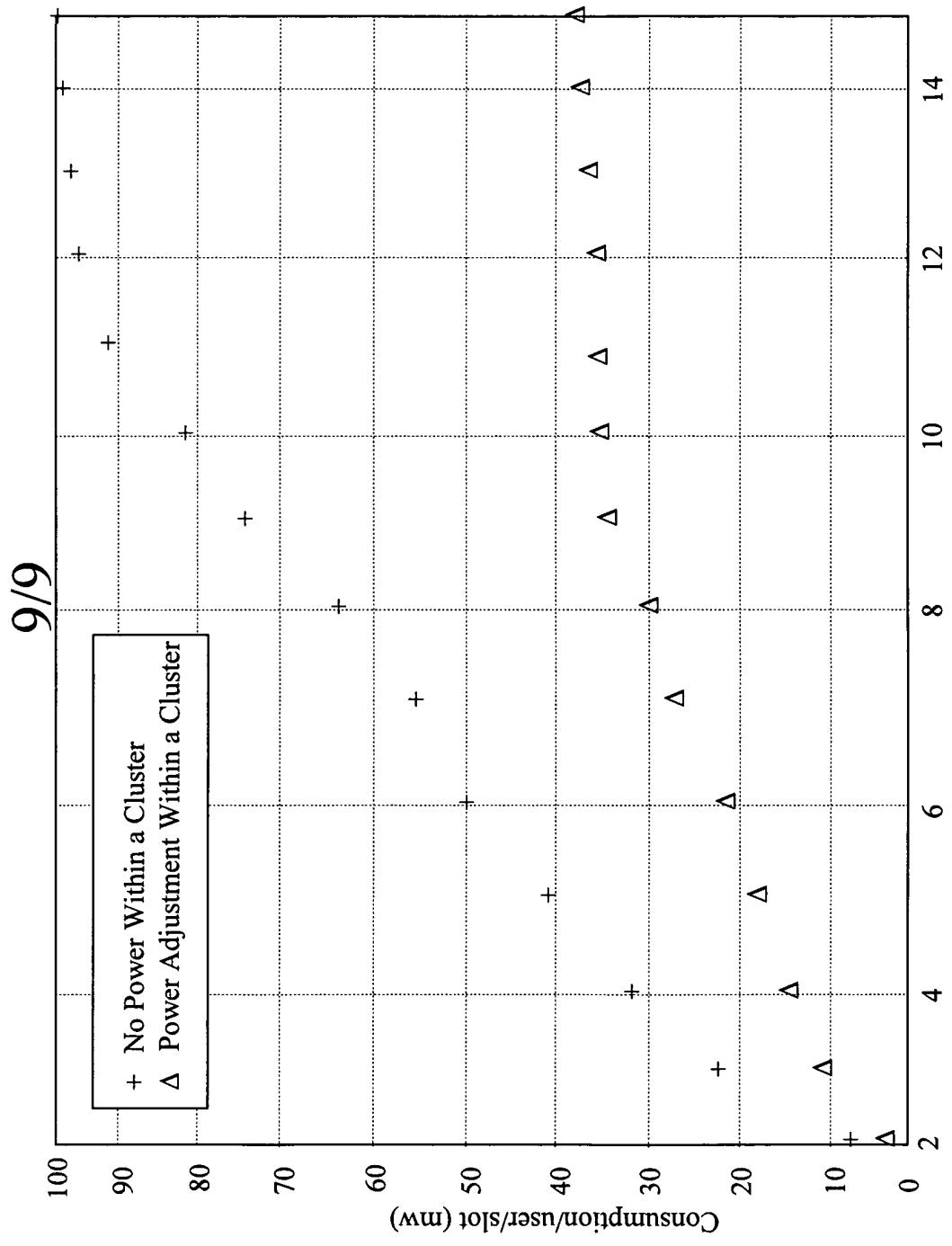
FIG. 7



Average Node Throughput v. Connectivity Range N
FIG. 8



End-to-End Network Throughput v. Connectivity Range N
FIG. 9



Average Power Consumption v. Connectivity Range N

FIG. 10